

State of California  
Department of Water Resources  
State Water Resources Control Board  
Department of Health Services

## 2002 RECYCLED WATER TASK FORCE

June 3, 2002, 2:00 to 5:00 p.m.



## April 3rd to June 3rd Meeting

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State of California  
Department of Water Resources  
State Water Resources Control Board  
Department of Health Services

### 2002 RECYCLED WATER TASK FORCE April 3rd Meeting



Assemblywoman Jackie Goldberg, author of Assembly Bill No. 331, which mandated the creation of the Task Force

...felt that the Task Force presented an opportunity to bring together experts and people who understand the needs of the state and the issues surrounding recycled water...

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## Thank U



Chairman Mr Richard Katz  
Members of the Task Force  
Facilitator, Dr Eric Schockman

Staff of  
Department of Water Resources  
State Water Resources Control Board  
Department of Health Services

California WaterReuse Association and  
the WaterReuse Foundation

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## Progress Made

- Prepared April 3 Minutes
- Background Information Package
- Conduct Public Discussion Meeting- May 8<sup>th</sup>
- Formed the Task Force Workgroups
- Compiled recycled water Glossary (Draft)
- Prepared a draft Summary of the Indirect Potable Reuse Report (1995)
- Prepared Water Recycling in California.. Fact Sheet (Draft)
- Developed a database of 2002 Recycled Water Task Force Interested Parties
- Responded to 52 Inquires regarding the 2002 Recycled Water Task Force
- Developed Website for the 2002 Recycled Water Task Force

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## 2002 Recycled Water Task Force- Tally

| 2002<br>RWTF |                    |    |
|--------------|--------------------|----|
|              | Members            | 38 |
|              | Interested Parties | 97 |
| Inquires     |                    |    |
|              | Public             | 52 |
|              | Capitol            | 5  |
|              | News media         | 6  |

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## 8 MAY 2002 PUBLIC DISCUSSION SESSION

### Meeting Time and Location

2: 00 pm-3: 30 pm, 8 May 2002, Association of California Water Agencies Spring Conference, Monterey, California.

### Attendance

- 34 attended-including
- 6 Task Force members
- 1 substitute
- 3 state support staff
- 23 members of the public

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## 8 MAY 2002 PUBLIC DISCUSSION SESSION

### Summary of remarks

- The Task Force should focus on obstacles to reuse and on real solutions broken down by categories ... and pursue those solutions that provide the "biggest bang for the buck."
- Regulations need to be streamlined... it seems to be a moving target...
- A handbook should be prepared to document the work of the Task Force and compile the wealth of existing knowledge regarding water reuse.
- The so-called "one-molecule rule" as interpreted by the Regional Water Quality Control Boards is a serious impediment to reuse...
- ..drought protection is a key selling point for recycled water in new developments.

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## 8 MAY 2002 PUBLIC DISCUSSION SESSION

### Summary of remarks- Cont.

- It is necessary to correctly quantify the benefits of recycled water supply as compared to potable water supply.
- Wastewater reuse needs to represent a real increase in water supplies and not just a paper increase. For example, reuse upstream may reduce the available water supply downstream from a wastewater discharge.
- Incidental recharge .. groundwater quality concerns.
- There appears to be a lack of clarity about the ownership of wastewater, e. g., an agency that has a contractual right to wastewater can refuse to relinquish the wastewater for reuse.
- Agency boundaries can be a barrier to reuse..

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## 2002 RECYCLED WATER TASK FORCE Workgroups

- Public Education and Outreach  
– Chair: Jonas Minton Co-chair: Herman Collins
- Science & Health / Indirect Potable Reuse  
– Chair: Takashi Asano Co-chair: Dave Spath
- Plumbing Code  
– Chair: Bob Hultquist Co-chair: Bob Castle
- Regulations/Permitting  
– Chair: Kathy Fletcher Co-chair: Jerry Brown
- CALFED  
– Chair: Patrick Wright Co-chair: Diana Robles

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<http://www.owue.water.ca.gov/recycle/>



2002 Recycled  
Water Task Force  
June 3, 2002

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2002 Recycled  
Water Task Force  
June 3, 2002



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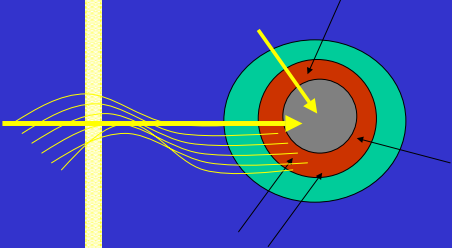
| Activity/Date   | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |  |  |  |  |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| Finalize the Task Force mission, priorities and expectations                  |      | XX   | XX   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| Task Force formation  |      | XX   | XX   | XX   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| Background information gathering  |      | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| Develop a common vision, mission and the Task Force strategy development plan |      |      |      |      | XX   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| Task Force deliberations  |      |      |      |      | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| Conduct meetings across the State discussing issues and develop draft report  |      |      |      |      | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   | XX   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| Public, interagency and private final draft recommendations report            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | XX   | XX   | XX   | XX   | XX   |      |      |      |      |      |      |      |      |      |  |  |  |  |
| Task Force final draft report adoption  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| SWOT internal review  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| CALED Review  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| Task Force Feedback on comments/updates                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| Final report to Legislature   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |

**Final Draft White Papers- November 19 Meeting**

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| Meeting | Date                          | Place                                 | Remarks  |
|---------|-------------------------------|---------------------------------------|--|
| I       | April 3 (Wednesday), 2002     | CAL/EPA Building, Sacramento          | Completed- The minute proceedings is being finalized                 |
|         | May 8 (Wednesday), 2002       | Monterey Conference Center, Monterey  | Public hearing session- ACWA's 2002 Spring Conference                |
| II      | June 3 (Monday), 2002         | Manhattan Beach Marriott, Los Angeles | 2002 Annual Water Reuse Research Conference                          |
| III     | July 12 (Friday), 2002        | San Jose                              |  |
| IV      | September 12 (Thursday), 2002 | Sacramento                            |  |
| V       | November 19 (Tuesday), 2002   | Disneyland Hotel, Anaheim             | ACWA's 2002 Fall Conference  |
| VI      | January 10 (Thursday), 2003   | Sacramento                            |  |
| VII     | February 26 (Wednesday), 2003 | San Francisco                         | Water Reuse Association, California Section Annual Meeting <b>14</b> |

| Proposed Timetable for the Task Force Workgroups |   |                 |                                |                                   |  |  |
|--|---|-----------------|--------------------------------|-----------------------------------|--|--|
| TF Meetings                                      | June 3  | July 12         | Sept. 12                       | Nov. 19                           |  |  |
| Science & Health                                 |      |                 |                                |                                   |  |  |
| Plumbing Code/Cross-connect                      |       |                 |                                |                                   |  |  |
| Public Edu. & Outreach                           |      |                 |                                |                                   |  |  |
| Regulations & Permitting                         |       |                 |                                |                                   |  |  |
| CALFED   |       |                 |                                |                                   |  |  |
| Brainstorming Discussions                        | Expert Presentation   | Progress Report | Analysis/Research/Case Studies | Final White Paper Draft <b>15</b> |  |  |

- Appropriate scale for problem and recommendation for solution
    - Representative of problem and system
    - Allows participation of stakeholders
      - Implement OMA
- 
- The diagram consists of a vertical yellow bar on the left and a target on the right. The target has three concentric circles: a grey center, a red middle ring, and a cyan outer ring. A thick yellow arrow points from the left towards the center of the target. Several thinner, wavy yellow lines also originate from the left and point towards the target, mostly hitting the red and cyan rings. Black arrows point from the text 'Representative of problem and system' to the target, and from 'Implement OMA' to the red ring.

## Persons to contact

- Luan Kiger [luana@water.ca.gov](mailto:luana@water.ca.gov)
- Fawzi Karajeh [fkarajeh@water.ca.gov](mailto:fkarajeh@water.ca.gov)
- Rich Mills [mills@water.ca.gov](mailto:mills@water.ca.gov)
- Nancy King [king@water.ca.gov](mailto:king@water.ca.gov)

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- Luan Kiger [luana@water.ca.gov](mailto:luana@water.ca.gov)
- Fawzi Karajeh [fkarajeh@water.ca.gov](mailto:fkarajeh@water.ca.gov)
- Rich Mills [mills@water.ca.gov](mailto:mills@water.ca.gov)
- Nancy King [king@water.ca.gov](mailto:king@water.ca.gov)

**The California Water Policy  
Conference (the Power  
Conference)**

**will be held October 9 & 10  
at the Wilshire Grand in  
downtown Los Angeles.**